U.S. Patent No. 8,671,195 v. Sirius XM Radio, Inc.

Claims 1, 2, 3, 13, 17, 18, 19, 23.

1. Claim Chart

Claim	Analysis
[1.P] A digital media communicati on protocol, comprising:	Sirius XM Radio, Inc. ("Company") makes, uses, sells and/or offers to sell a digital media communication protocol.
	This element is infringed literally, or in the alternative, under the doctrine of equivalents.
	For example, Company provides SiriusXM for Business which is an internet-based radio service. It includes a SXBR3, streaming player which is designed for streaming music channels. This device receives music channels from a SiriusXM server through a wireless internet connection, facilitating the streaming of music channels. The wireless internet connection is used by the SiriusXM for Business to deliver music ("digital media communication protocol").
	The Grace Digital SXBR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote
	scheduling, which means the SXBR3 can be set up to automatically change
	channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice
	for businesses both large and small.
	Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers

Can I install SiriusXM Music for Business equipment myself?

Absolutely. For satellite, you'll need to make sure the SiriusXM antenna supplied with your radio is mounted outside with a

clear view to the sky. To access our streaming service, you have three equipment options: 1) A SiriusXM streaming radio, which requires an internet connection; 2) An internet-connected computer that can access our service via our Web Player (an Ethernet cable is better than WiFi); 3) The SiriusXM app, which

can be downloaded and accessed on both Android and iOS tablets and mobile devices. Once installed, these solutions can be easily connected to your existing business audio system/speakers. If you prefer professional installation, we can refer you to a professional installer in your area. Just let us know when you subscribe.

Source: https://www.siriusxm.com/business

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3

The SiriusXM Business Radio supports a wireless Internet connection through any standard Wi-Fi 802.11 a/b/g/n/ac, 2.4 & 5 GHz wireless Internet access point. This includes wireless networks which are WEP and WPA/WPA2 Personal security protected and require a password, and wireless networks where the network name (SSID) is hidden. Once you have connected to a wireless network, the Business Radio will remember your network settings so you will not have to enter the information again, unless you perform a Reset to Factory Settings of the Business Radio.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 5

Step 1: Connect to a Wireless Network

The easiest way to connect to a wireless network is to have the Business Radio scan for wireless networks, and then choose your wireless network from the list of wireless networks. The Business Radio will automatically do this the first time you power it on.

However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

Turning the **Tune knob** scrolls through menus and lists to highlight items, and pressing the **Tune knob** selects a highlighted item.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42

Easy Connection to a Wireless Network 1. Plug the AC Power Adapter into an AC outlet, and plug the power plug into the connector on the rear of the SiriusXM Business Radio. Press the Power button if the Business Radio does not automatically 2. If the Business Radio has not previously connected to a wireless network, the Business Radio will display the Network Wizard screen, with Wireless highlighted. Press the Tune Knob. Wireless Otherwise, press the **Home** button and turn the **Tune Knob** to highlight Wired Settings. Press the Tune Knob to select. 3. Turn the **Tune knob** to highlight Network Wizard and press **Tune knob** to select. Wireless will be highlighted; press Tune knob to select. 4. At the Wireless screen, Scan will be highlighted. Press the Tune knob to Wait while the Business Radio scans for wireless networks and then select a Your Wireless Network your wireless network from the list. Turn the **Tune knob** to highlight your % Some Other Wireless Network wireless network and then press the **Tune knob** to select. Some Other Wireless Network 6. The Business Radio will attempt to connect to the wireless network. If you chose a network that requires a password, you will be prompted to enter a Some Other Wireless Network the network password. 7. To enter the network password, turn the **Tune knob** to highlight each character of the password and press the **Tune knob** to select the character. Then enter the next character and continue until you have finished entering the password. If you make an error, press the **Delete** button to erase the entered character. When you have completed entering the network password, press the Submit button. 8. When the Business Radio has successfully connected to the wireless network, "Connected successfully" will be displayed. If you have not yet entered your username and password, continue with "Step 2: Enter Your SiriusXM Business Radio Account Information" on page 12. Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42 Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant. [1.1] at least Company makes, uses, sells and/or offers to sell at least one media terminal disposed in an accessible relation to at least one interactive computer network. one media terminal This element is infringed literally, or in the alternative, under the doctrine of equivalents. disposed an accessible

rela tion to at least one interactive computer network, For example, the SXBR3 player ("media terminal") receives music channels from the SiriusXM server through a wireless internet connection ("interactive computer network") to stream music channels. The SXBR3 player scans multiple wireless network connections, allowing the user to choose one. Once a wireless network is selected, the user enters the password for the chosen connection. After successfully entering the password, the SXBR3 player establishes a connection to the internet, enabling it ("accessible relation") to receive music channels from the SiriusXM server.



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media terminal

The Grace Digital SXBR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

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-media terminal

with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3 (annotated)

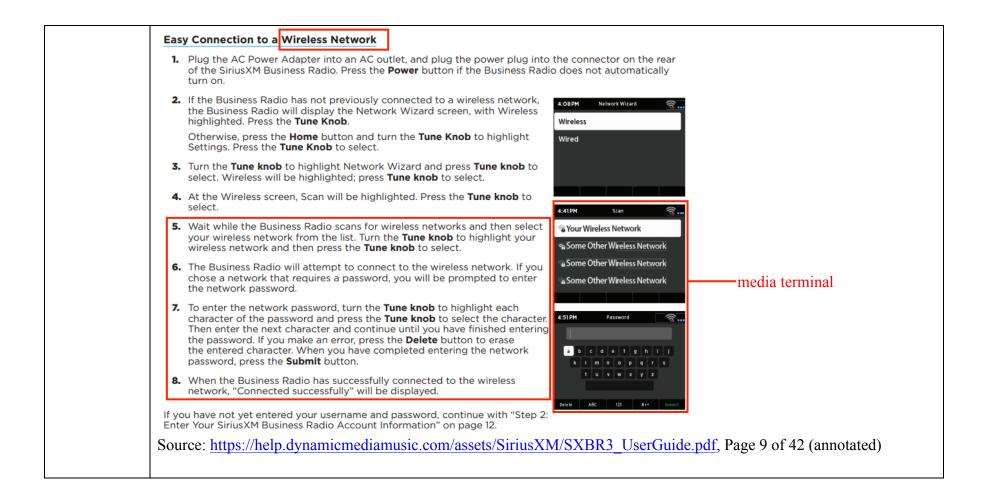
Step 1: Connect to a Wireless Network

The easiest way to connect to a wireless network is to have the Business Radio scan for wireless networks, and then choose your wireless network from the list of wireless networks. The Business Radio will automatically do this the first time you power it on.

However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

Turning the **Tune knob** scrolls through menus and lists to highlight items, and pressing the **Tune knob** selects a highlighted item.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42





- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43 (annotated)

Step-by-Step

- 1. From the Home Screen
- Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:49

Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant.

[1.2] wireless

Company makes, uses, sells and/or offers to sell a wireless range structured to permit authorized access to said at least one interactive computer network.

range structured to permit authorized access to said at least one interactive computer network,

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player scans multiple wireless network connections, allowing the user to choose one. Once a wireless network is selected, the user enters the password for the chosen connection. After successfully entering the password ("permit authorized access"), the SXBR3 player establishes a connection to the internet, enabling it to receive music channels from the SiriusXM server. It would be apparent to a person of ordinary skill in the art that wireless range is structured to permit authorized access to at least one interactive computer network.



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Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers

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Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3

Installation

SXBR3 Business User Guide

The SiriusXM Business Radio allows you to listen to all of the channels in the SiriusXM Music for Business subscription package using a wired Ethernet connection or a wireless Internet connection (Wi-Fi).

To listen to the SiriusXM Music for Business Internet Service, you will need to subscribe to the service. If you have not yet subscribed, call **1-866-345-SIRIUS** (7474) to subscribe and obtain your SiriusXM Music for Business credentials (username and password).

Note that you cannot use a regular SiriusXM streaming subscription for the SiriusXM Business Radio. The Business Radio requires a Music for Business subscription.

The SiriusXM Business Radio supports a wireless Internet connection through any standard Wi-Fi 802.11 a/b/g/n/ac, 2.4 & 5 GHz wireless Internet access point. This includes wireless networks which are WEP and WPA/WPA2 Personal security protected and require a password, and wireless networks where the network name (SSID) is hidden. Once you have connected to a wireless network, the Business Radio will remember your network settings so you will not have to enter the information again, unless you perform a Reset to Factory Settings of the Business Radio.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 8 of 42

Step 1: Connect to a Wireless Network

The easiest way to connect to a wireless network is to have the Business Radio scan for wireless networks, and then choose your wireless network from the list of wireless networks. The Business Radio will automatically do this the first time you power it on.

However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

Turning the **Tune knob** scrolls through menus and lists to highlight items, and pressing the **Tune knob** selects a highlighted item.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42

Easy Connection to a Wireless Network 1. Plug the AC Power Adapter into an AC outlet, and plug the power plug into the connector on the rear of the SiriusXM Business Radio. Press the Power button if the Business Radio does not automatically 2. If the Business Radio has not previously connected to a wireless network, the Business Radio will display the Network Wizard screen, with Wireless highlighted. Press the Tune Knob. Otherwise, press the **Home** button and turn the **Tune Knob** to highlight Wired Settings. Press the **Tune Knob** to select. 3. Turn the **Tune knob** to highlight Network Wizard and press **Tune knob** to select. Wireless will be highlighted; press Tune knob to select. 4. At the Wireless screen, Scan will be highlighted. Press the Tune knob to 5. Wait while the Business Radio scans for wireless networks and then select a Your Wireless Network your wireless network from the list. Turn the **Tune knob** to highlight your % Some Other Wireless Network wireless network and then press the **Tune knob** to select. Some Other Wireless Network 6. The Business Radio will attempt to connect to the wireless network. If you chose a network that requires a password, you will be prompted to enter a Some Other Wireless Network the network password. 7. To enter the network password, turn the **Tune knob** to highlight each character of the password and press the **Tune knob** to select the character. Then enter the next character and continue until you have finished entering the password. If you make an error, press the **Delete** button to erase the entered character. When you have completed entering the network password, press the Submit button. 8. When the Business Radio has successfully connected to the wireless network, "Connected successfully" will be displayed. If you have not yet entered your username and password, continue with "Step 2: Enter Your SiriusXM Business Radio Account Information" on page 12. Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42 Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant. [1.3] at least Company makes, uses, sells and/or offers to sell at least one media node disposable within said wireless range, wherein said at least one media node is detectable by said at least one media terminal. one media node disposable This element is infringed literally, or in the alternative, under the doctrine of equivalents. within said

wireless
range,
wherein said
at least one
media node is
detectable
by said at
least one
media
terminal,

For example, the SXBR3 player receives multiple music channels from the SiriusXM server ("media node") through the selected wireless internet connection. Utilizing this connection, the SXBR3 player communicates with the SiriusXM server regarding the available music channels. The user then selects a music channel from the list presented on the SXBR3 player. Following the user's selection, the SXBR3 player sends a streaming request for the chosen music channel to the SiriusXM server, initiating the streaming process. It would be apparent to a person of ordinary skill in the art that at least one media node is disposable within the wireless range, wherein at least one media node is detectable by at least one media terminal.

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source: media node

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

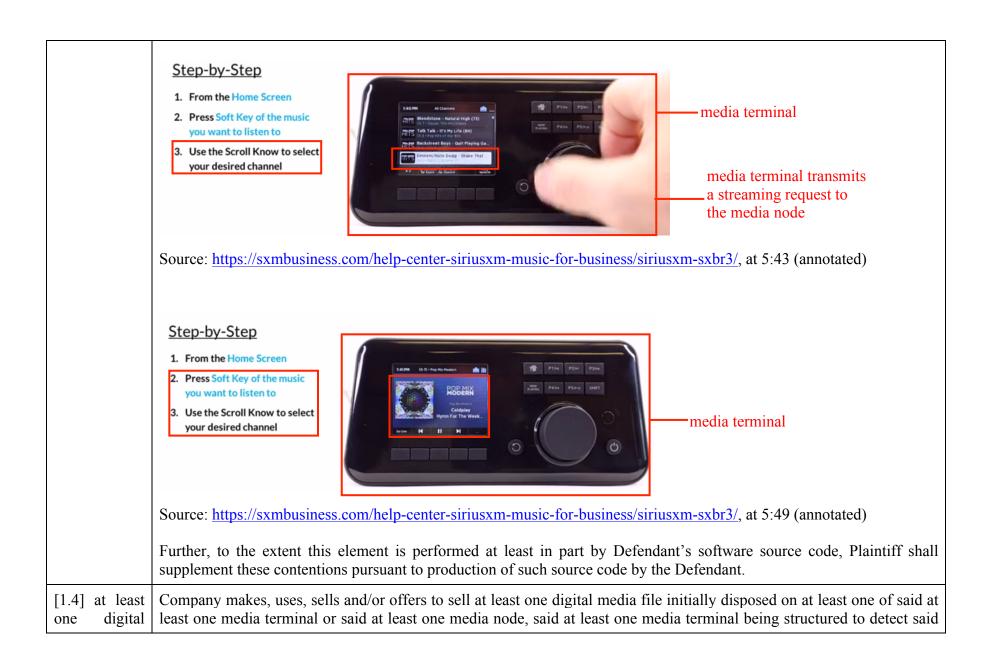
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—media node

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3 (annotated)



media initially disposed on at least one of said at least media one terminal or said at least media one node, said at least media terminal being structured to detect said at least one media node disposed within said wireless range,

at least one media node disposed within said wireless range.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player receives multiple music channels from the SiriusXM server ("media node") through the selected wireless internet connection. Utilizing this connection, the SXBR3 player communicates with the SiriusXM server regarding the available music channels. The user then selects a music channel ("digital media file") from the list presented on the SXBR3 player. Following the user's selection, the SXBR3 player sends a streaming request for the chosen music channel to the SiriusXM server, initiating the streaming process. It would be apparent for a person having ordinary skills in the art that digital media file is initially disposed on a media node (SiriusXM server) and at least one media terminal (SXBR3 player) is structured to detect at least one media node located within the wireless range.



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media terminal

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Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

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Source: media node

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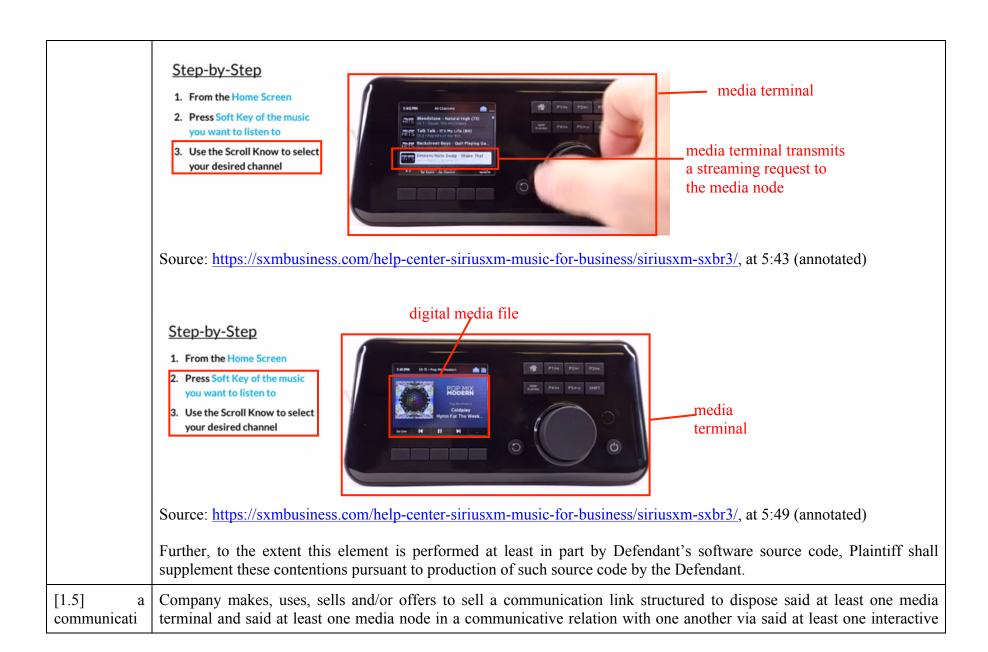
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_media node

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3 (annotated)



link on structured to dispose said at least one media terminal and said at least media one node in a communicati relation ve with one another via said at least one interactive computer network,

computer network.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player streams music channels from the SiriusXM servers through internet connection ("communication link"). Therefore, it would be apparent to a person of ordinary skill in the art that communication link structured to dispose said at least one media terminal and said at least one media node in a communicative relation with one another via said at least one interactive computer network.



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Source:

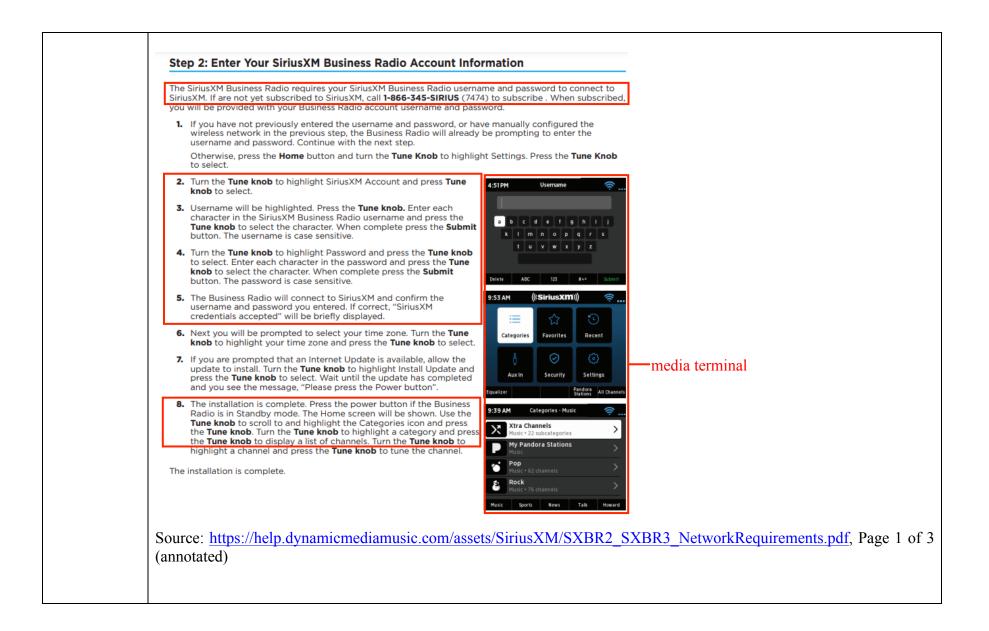
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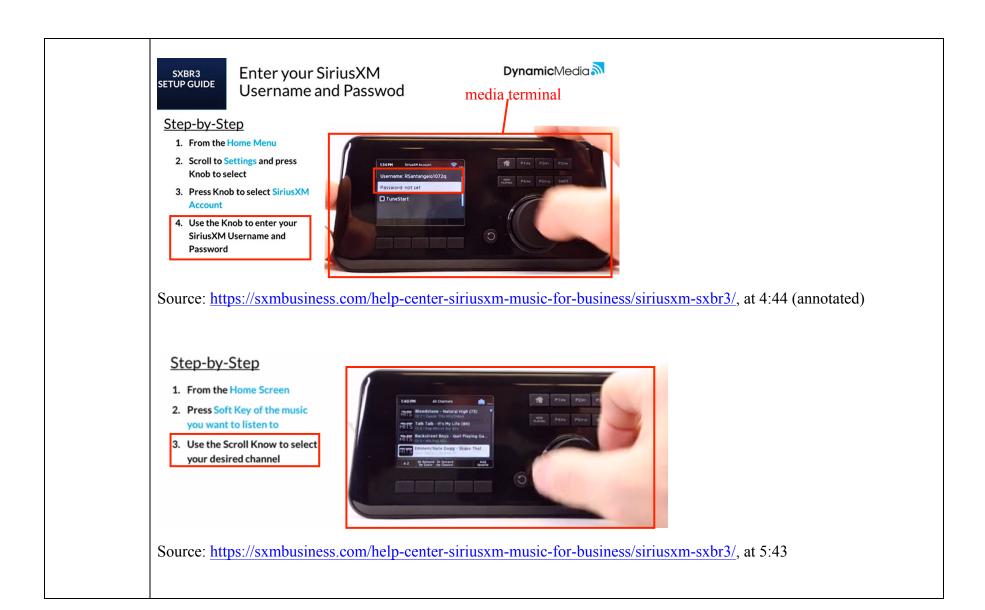
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Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3





Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:49

Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant.

[1.6] said communicati on link being initiated by said at least one media terminal,

Company makes, uses, sells and/or offers to sell said communication link being initiated by said at least one media terminal.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player ("media terminal") enables the user to input the username and password associated with their SiriusXM subscription, facilitating music channel streaming from SiriusXM server (media node) via the selected wireless internet connection. Following this, the SXBR3 player grants the user the option to select a music channel from the available list. It would be apparent to a person having ordinary skill in the art that the communication link is initiated by at least one media terminal.



powered by Sirv

media terminal

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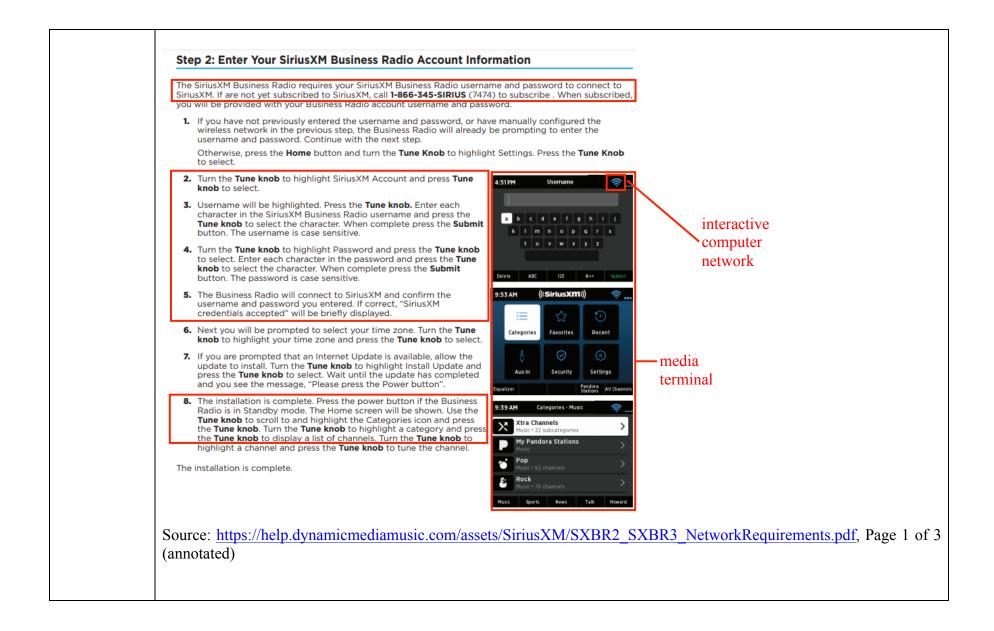
Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

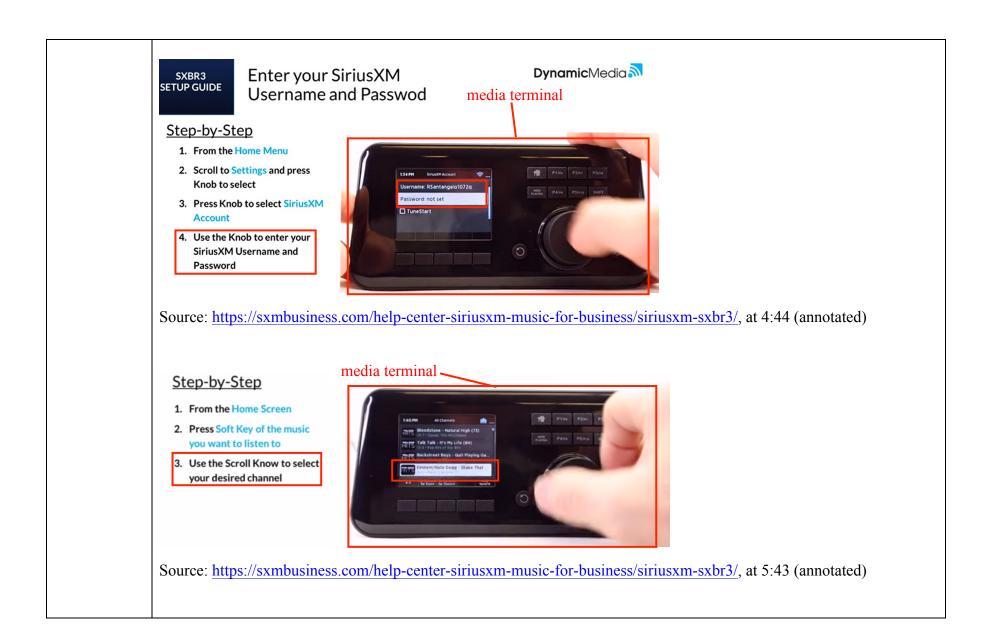
SiriusXM Music for Business

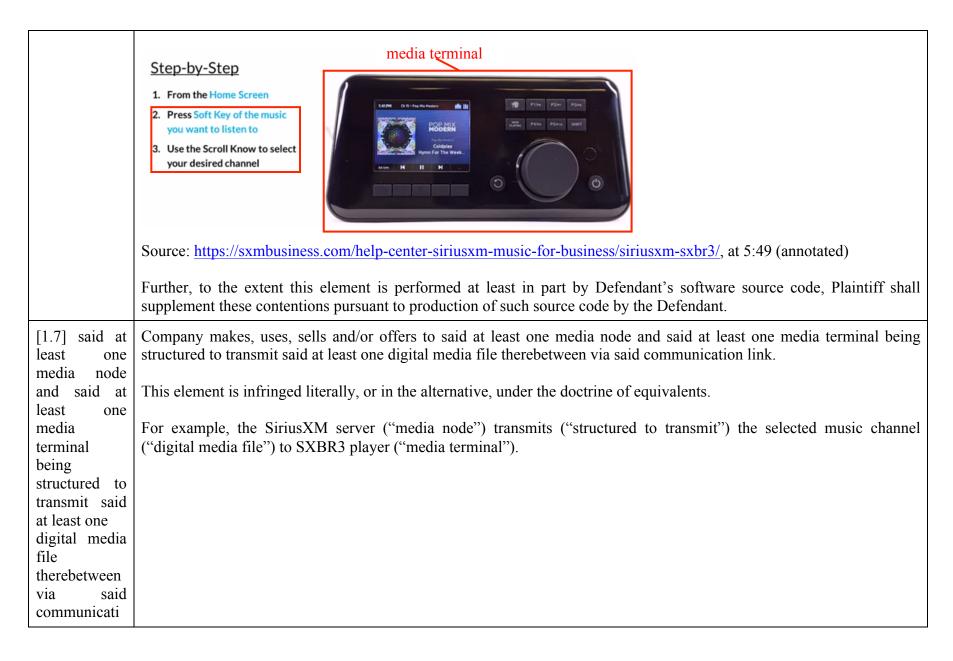
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on link, and



powered by Sirv

media terminal

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Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

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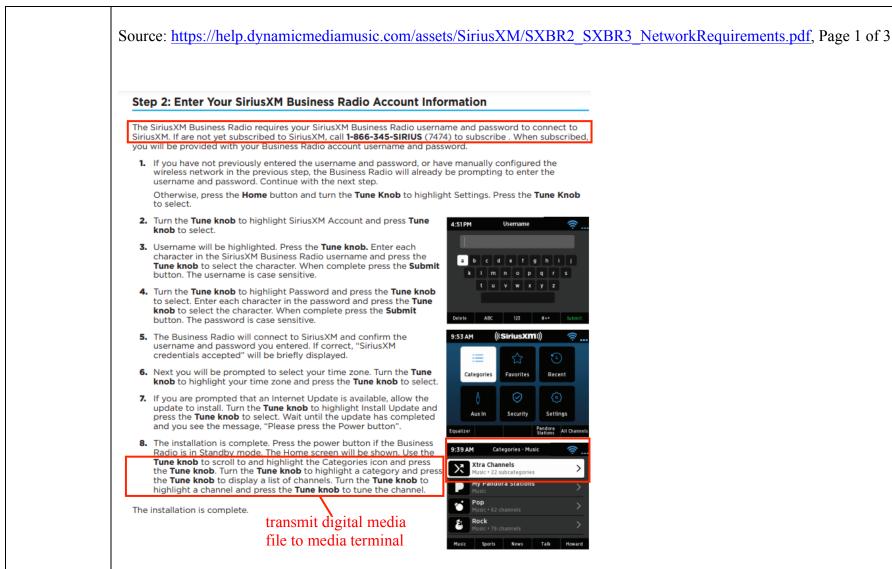
Source media node

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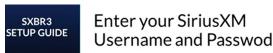
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Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3 (annotated)



DynamicMedia

Step-by-Step

- 1. From the Home Menu
- 2. Scroll to Settings and press Knob to select
- Press Knob to select SiriusXM Account
- Use the Knob to enter your SiriusXM Username and Password



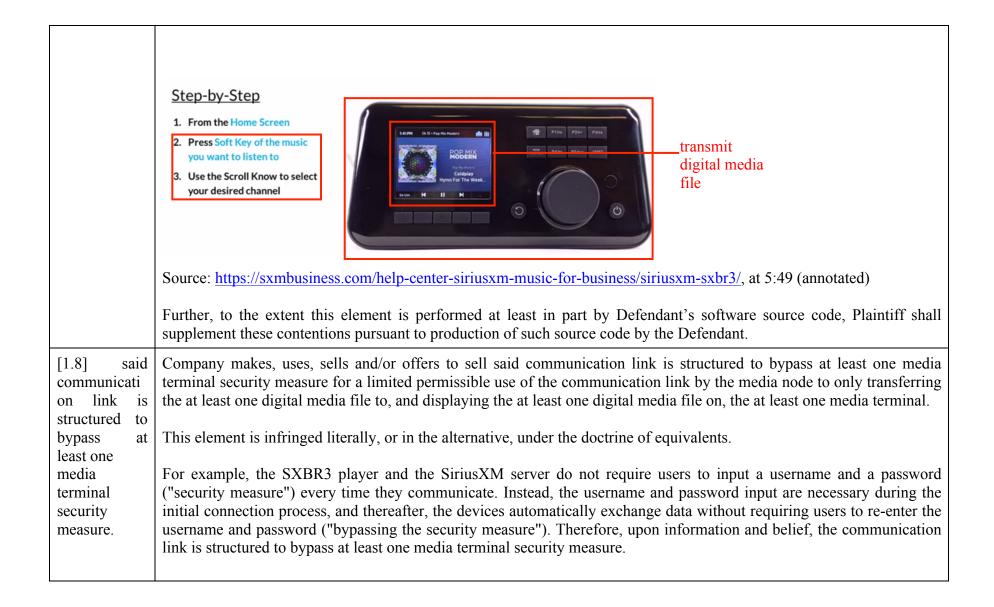
Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 4:44

Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43



In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_searcn=raq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

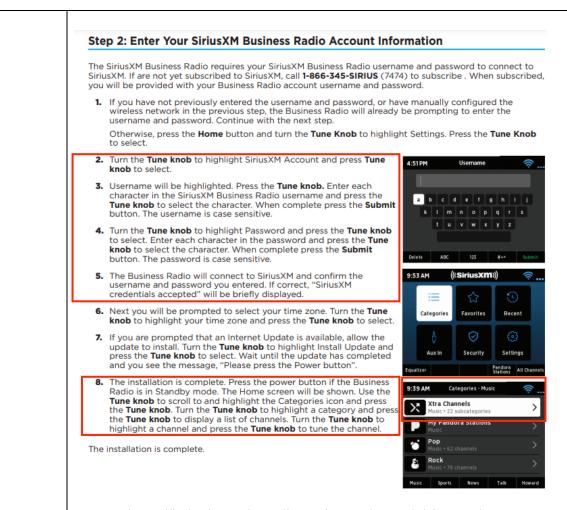
media terminal

SiriusXM Music for Business

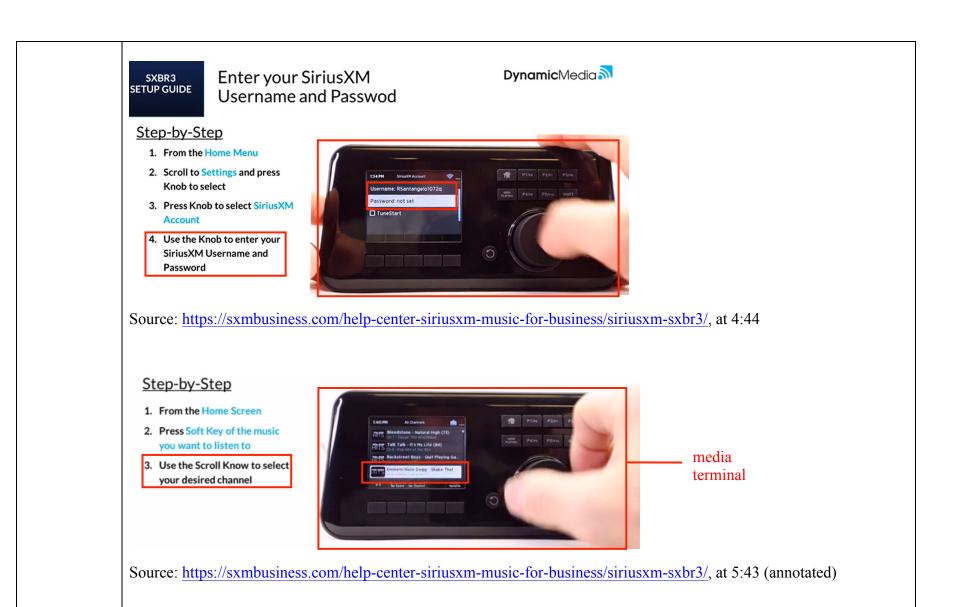
Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

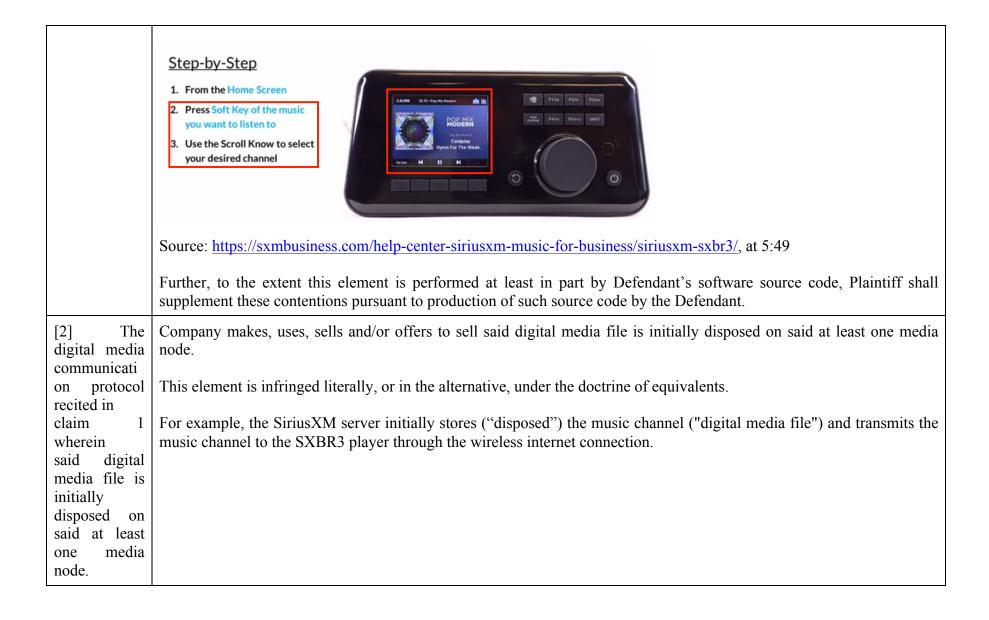
This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3



Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3





In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

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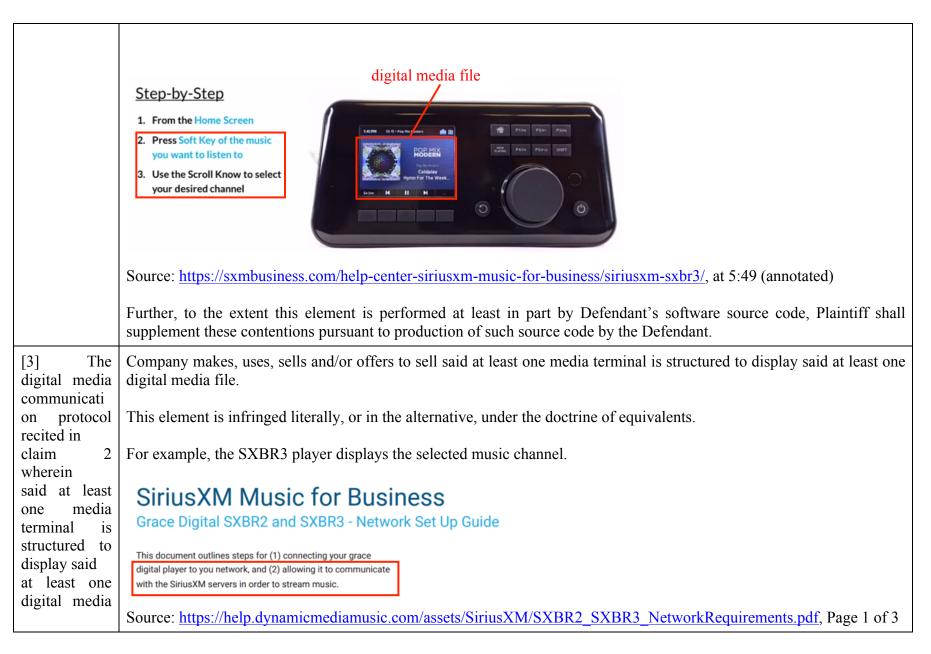
Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3

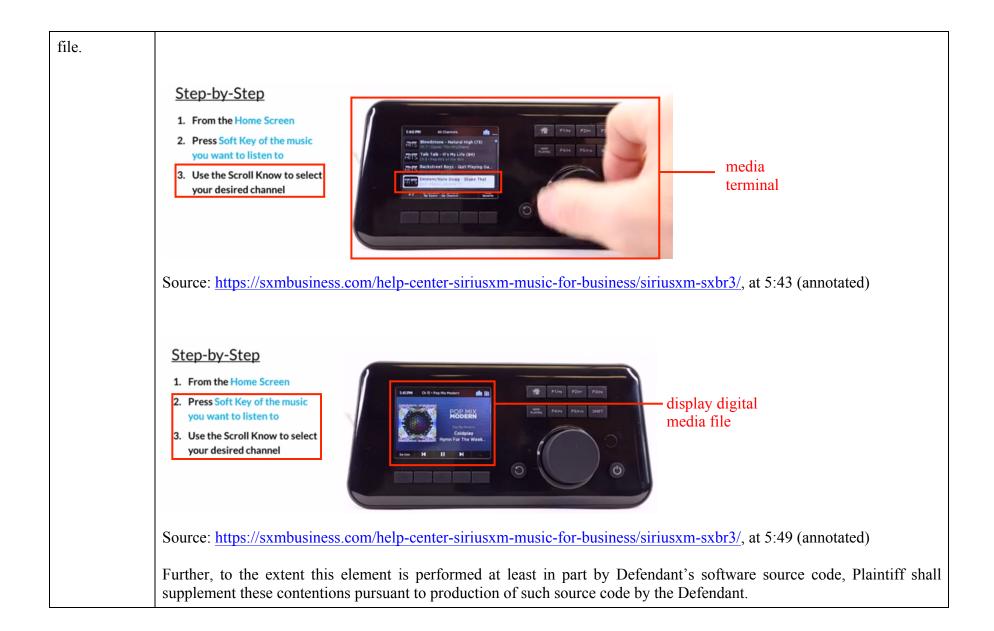
Step-by-Step

- 1. From the Home Screen
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- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43





[13] The digital media communicati on protocol recited in claim wherein said communicati link is structured to bypass least one networking device security measure.

Company makes, uses, sells and/or offers to sell said communication link is structured to bypass at least one networking device security measure.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player ("networking device") and the SiriusXM server do not require users to input a username and a password ("security measure") every time they communicate. Instead, the username and password input are necessary during the initial connection process, and thereafter, the devices automatically exchange data without requiring users to re-enter the username and password ("bypass at least one networking device security measure"). Therefore, upon information and belief, the communication link is structured to bypass at least one networking device security measure.

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

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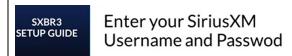
SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

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Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3





DynamicMedia 50

Step-by-Step

- 1. From the Home Menu
- 2. Scroll to Settings and press Knob to select
- Press Knob to select SiriusXM Account
- 4. Use the Knob to enter your SiriusXM Username and Password



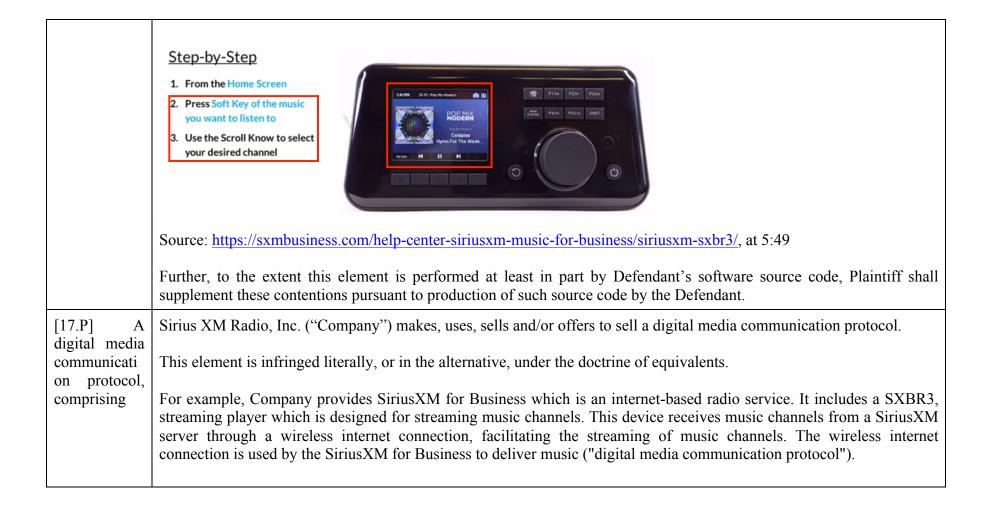
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Step-by-Step

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- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43 (annotated)





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The Grace Digital SXBR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/

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Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers

Can I install SiriusXM Music for Business equipment myself?

Absolutely. For satellite, you'll need to make sure the SiriusXM antenna supplied with your radio is mounted outside with a

clear view to the sky. To access our streaming service, you have three equipment options: 1) A SiriusXM streaming radio, which requires an internet connection; 2) An internet-connected computer that can access our service via our Web Player (an Ethernet cable is better than WiFi); 3) The SiriusXM app, which

can be downloaded and accessed on both Android and iOS tablets and mobile devices. Once installed, these solutions can be easily connected to your existing business audio system/speakers. If you prefer professional installation, we can refer you to a professional installer in your area. Just let us know when you subscribe.

Source: https://www.siriusxm.com/business

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3

The SiriusXM Business Radio supports a wireless Internet connection through any standard Wi-Fi 802.11 a/b/g/n/ac, 2.4 & 5 GHz wireless Internet access point. This includes wireless networks which are WEP and WPA/WPA2 Personal security protected and require a password, and wireless networks where the network name (SSID) is hidden. Once you have connected to a wireless network, the Business Radio will remember your network settings so you will not have to enter the information again, unless you perform a Reset to Factory Settings of the Business Radio.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 5

Step 1: Connect to a Wireless Network

The easiest way to connect to a wireless network is to have the Business Radio scan for wireless networks, and then choose your wireless network from the list of wireless networks. The Business Radio will automatically do this the first time you power it on.

However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

Turning the **Tune knob** scrolls through menus and lists to highlight items, and pressing the **Tune knob** selects a highlighted item.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42

Easy Connection to a Wireless Network

- Plug the AC Power Adapter into an AC outlet, and plug the power plug into the connector on the rear
 of the SiriusXM Business Radio. Press the **Power** button if the Business Radio does not automatically
 turn on.
- If the Business Radio has not previously connected to a wireless network, the Business Radio will display the Network Wizard screen, with Wireless highlighted. Press the **Tune Knob**.
 - Otherwise, press the **Home** button and turn the **Tune Knob** to highlight Settings. Press the **Tune Knob** to select.
- **3.** Turn the **Tune knob** to highlight Network Wizard and press **Tune knob** to select. Wireless will be highlighted; press **Tune knob** to select.
- At the Wireless screen, Scan will be highlighted. Press the Tune knob to select.
- 5. Wait while the Business Radio scans for wireless networks and then select your wireless network from the list. Turn the Tune knob to highlight your wireless network and then press the Tune knob to select.
- **6.** The Business Radio will attempt to connect to the wireless network. If you chose a network that requires a password, you will be prompted to enter the network password.
- 7. To enter the network password, turn the **Tune knob** to highlight each character of the password and press the **Tune knob** to select the character. Then enter the next character and continue until you have finished entering the password. If you make an error, press the **Delete** button to erase the entered character. When you have completed entering the network password, press the **Submit** button.
- **8.** When the Business Radio has successfully connected to the wireless network, "Connected successfully" will be displayed.

If you have not yet entered your username and password, continue with "Step 2: Enter Your SiriusXM Business Radio Account Information" on page 12.



Delete ABC 123 #+=

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42

Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant.

[17.1] at least one media terminal and at least one media node disposed in an accessible relation with at least one inter active computer network,

Company makes, uses, sells and/or offers to sell at least one media terminal and at least one media node disposed in an accessible relation with at least one interactive computer network.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player ("media terminal") receives music channels from the SiriusXM server through a wireless internet connection ("interactive computer network") to stream music channels. The SXBR3 player scans multiple wireless network connections, allowing the user to choose one. Once a wireless network is selected, the user enters the password for the chosen connection. After successfully entering the password, the SXBR3 player establishes a connection to the internet, enabling it ("accessible relation") to receive music channels from the SiriusXM server.



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media terminal

The Grace Digital SXBR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate

-media terminal

with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3 (annotated)

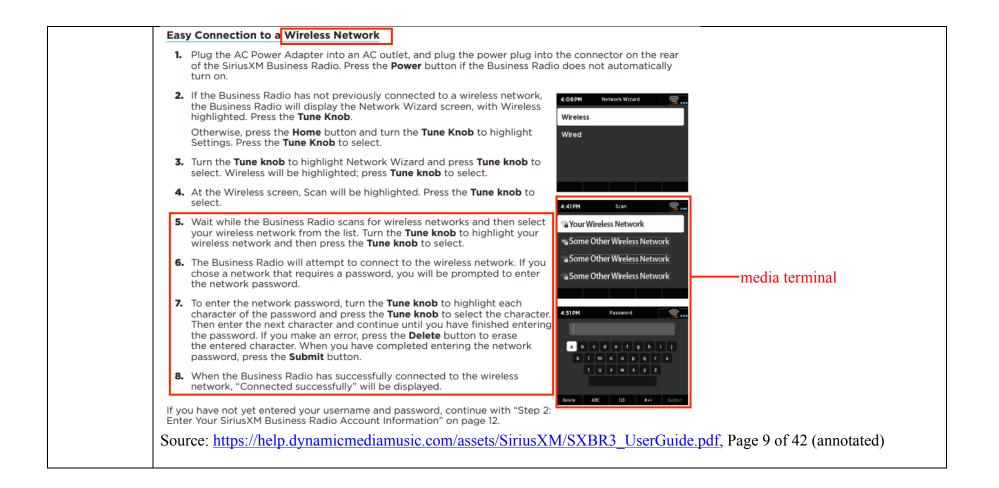
Step 1: Connect to a Wireless Network

The easiest way to connect to a wireless network is to have the Business Radio scan for wireless networks, and then choose your wireless network from the list of wireless networks. The Business Radio will automatically do this the first time you power it on.

However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

Turning the **Tune knob** scrolls through menus and lists to highlight items, and pressing the **Tune knob** selects a highlighted item.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42



Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



media terminal

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43 (annotated)

Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel

media terminal



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:49 (annotated)

Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant.

[17.2] at least one digital media file initially Company makes, uses, sells and/or offers to sell at least one digital media file initially disposed on at least one of said media terminal or said media node, said at least one media terminal structured to detect said at least one media node.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

disposed on at least one of said media terminal said media node, said at least one media terminal structured to detect said at least media one node,

For example, the SiriusXM server stores ("initially disposed") the multiple music channels ("digital media file"). The SXBR3 player receives multiple music channels from the SiriusXM server. The SXBR3 player receives music channels from the SiriusXM server, and the user can select one music channel from the list on the SXBR3 player. After the user makes their music channel selection, the SXBR3 player sends a streaming request for the chosen music channel to the SiriusXM server. Therefore, it would be apparent to a person of ordinary skill in the art that SXBR3 player ("at least one media terminal") is structured to detect SiriusXM server ("at least one media node").



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media terminal

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Source: media node

https://sxmbusiness.com/?post_type=faq&df_post_type_searcn=raq&s=connect+to+the+SiriusXM+streaming+servers (annotated)



SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

_media node

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3 (annotated)

media terminal

Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



media terminal transmits a streaming request to the media node

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43 (annotated)



computer network,



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media terminal ird-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

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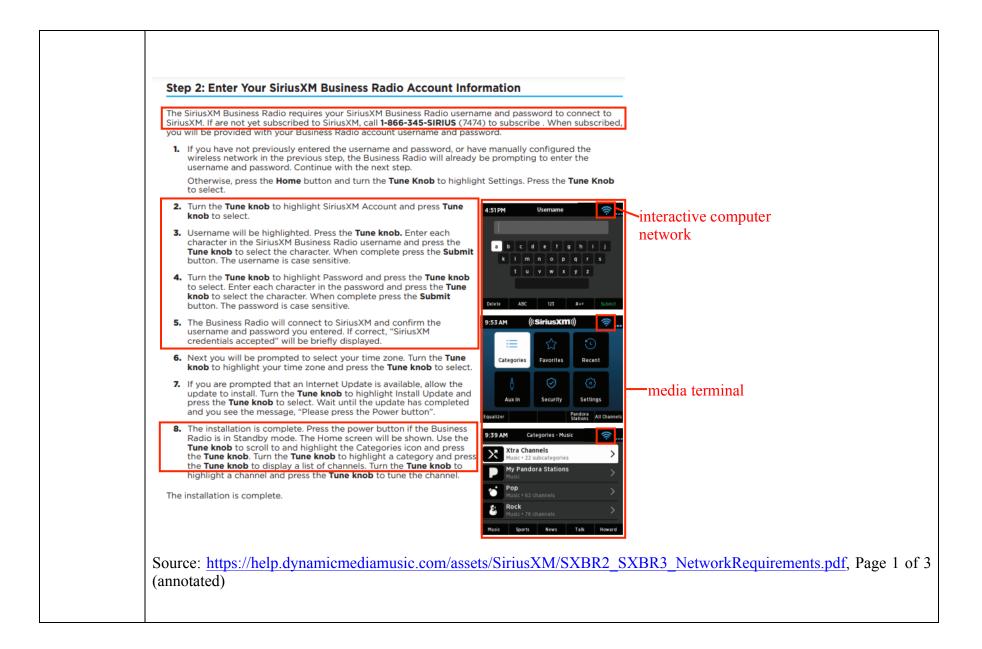
 $Source: \underline{https://sxmbusiness.com/?post_type=faq\&df_post_type_search=faq\&s=connect+to+the+SiriusXM+streaming+servers} \\$

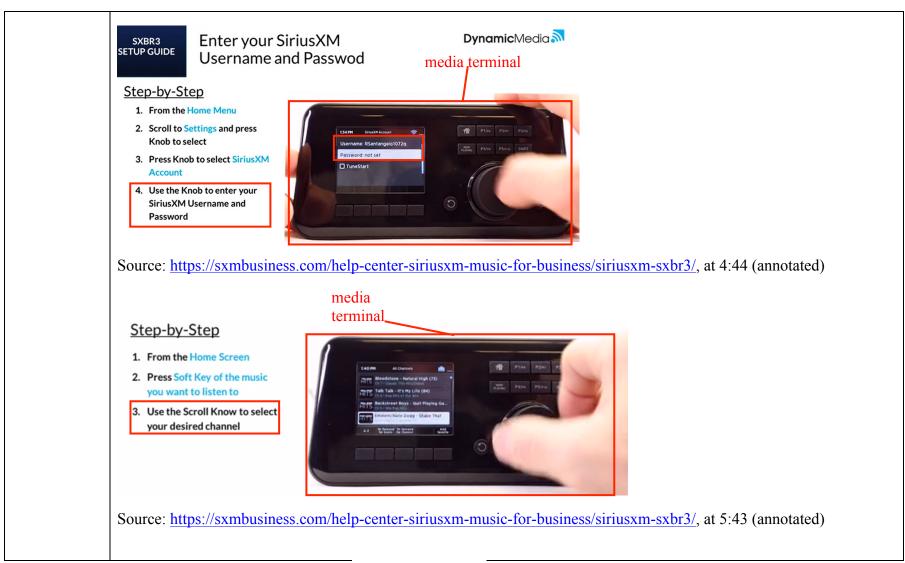
SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

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Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3





media terminal

the SXBR3 player ("media terminal").

Step-by-Step 1. From the Home Screen Press Soft Key of the music you want to listen to 3. Use the Scroll Know to select your desired channel Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:49 (annotated) Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant. Company makes, uses, sells and/or offers to sell said communication link being initiated by said at least one media [17.4] said communicati terminal. on link being initiated This element is infringed literally, or in the alternative, under the doctrine of equivalents. said at least For example, the SXBR3 player scans multiple wireless network connections, and the user selects one network to enter one the password for the chosen wireless internet connection. After entering the password, the SXBR3 player connects to the media internet. Following this connection, the user enters the username and password for their SiriusXM subscription to enable terminal, music channel streaming. This process establishes a communication channel ("communication link") between the SXBR3 player and the SiriusXM server for streaming music channels. Therefore, a communication link is initiated by



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media terminal

The Grace Signature and degeneration of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

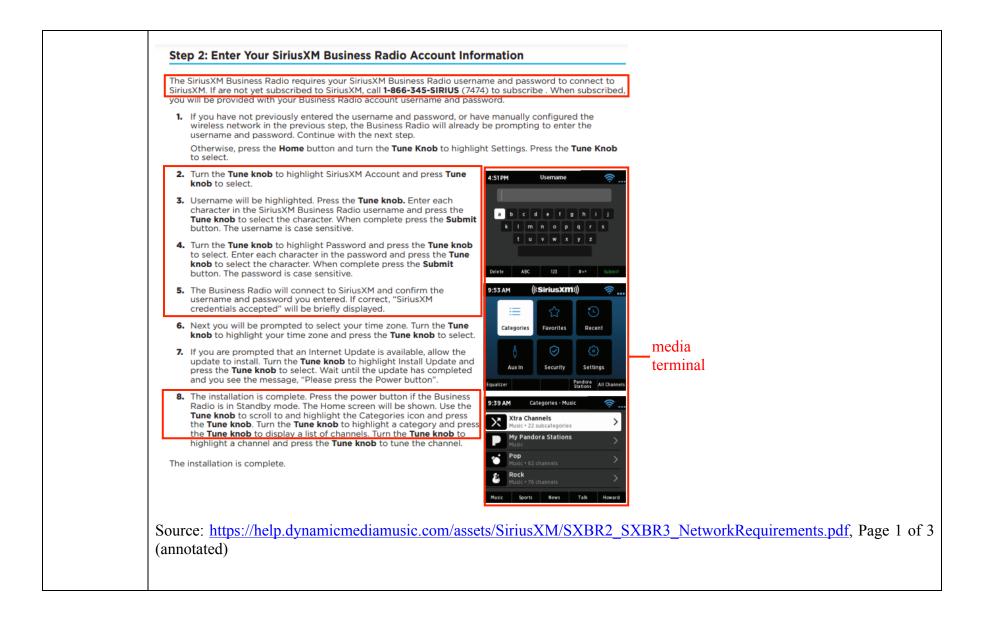
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SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) <u>connecting your grace</u> <u>digital player to you network, and (2) allowing it to communicate</u> <u>with the SiriusXM servers in order to stream music.</u>

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3





Step-by-Step

1. From the Home Screen

- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel

media terminal



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[17.5] said at least one media node said at and least one media terminal structured to transmit said at least one digital media file

therebetween

communicati

on link.

wherein

said

via

Company makes, uses, sells and/or offers to sell said at least one media node and said at least one media terminal structured to transmit said at least one digital media file therebetween via said communication link.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player utilizes the established communication channel for streaming music channel from the SiriusXM server.



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media terminal

The Grace Digital SABR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

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Source: media node

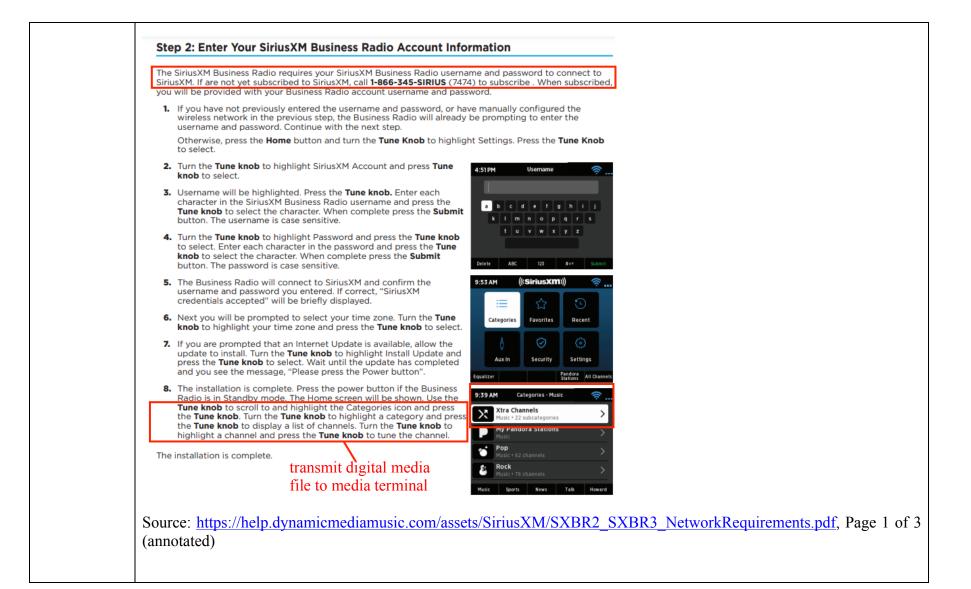
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SiriusXM Music for Business

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Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3





Enter your SiriusXM Username and Passwod

DynamicMedia

Step-by-Step

- 1. From the Home Menu
- 2. Scroll to Settings and press Knob to select
- Press Knob to select SiriusXM Account
- 4. Use the Knob to enter your SiriusXM Username and Password



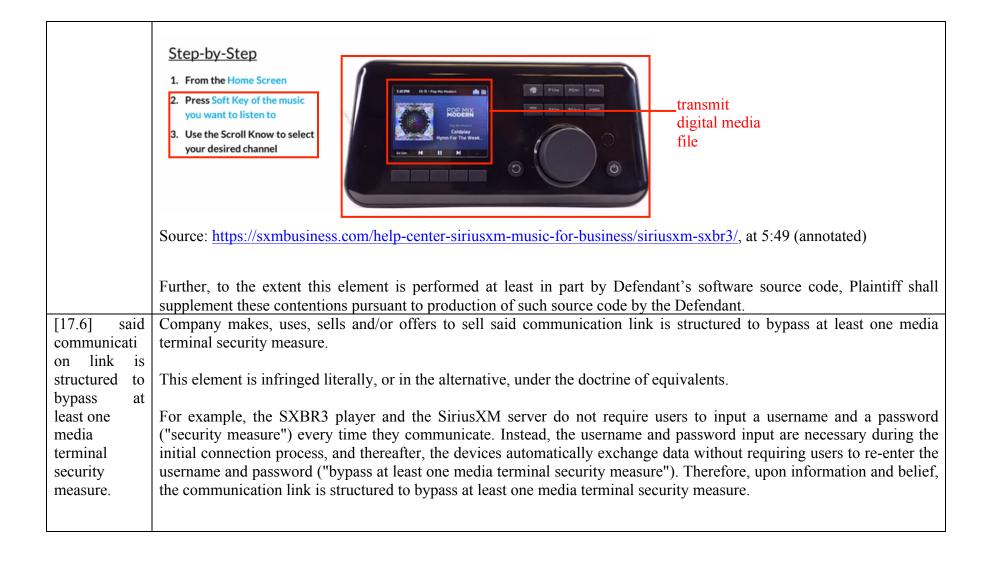
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Step-by-Step

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- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43



In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

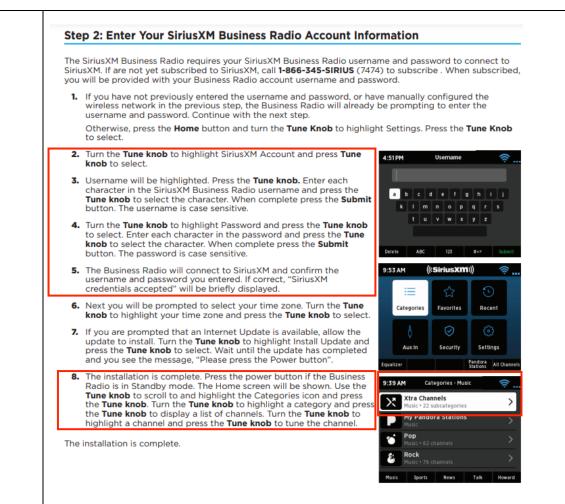
https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3



Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3 (annotated)



Enter your SiriusXM Username and Passwod

DynamicMedia

Step-by-Step

- 1. From the Home Menu
- 2. Scroll to Settings and press Knob to select
- Press Knob to select SiriusXM Account
- 4. Use the Knob to enter your SiriusXM Username and Password



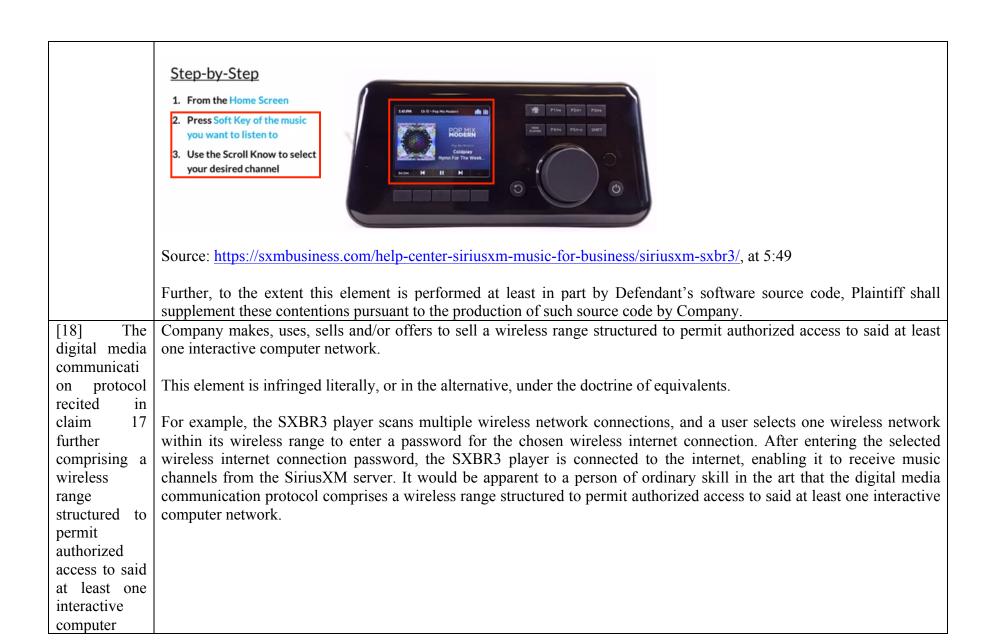
Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 4:44

Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43



network.



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The Grace Digital SXBR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) <u>allowing it to communicate</u> with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3

Installation

SXBR3 Business User Guide

The SiriusXM Business Radio allows you to listen to all of the channels in the SiriusXM Music for Business subscription package using a wired Ethernet connection or a wireless Internet connection (Wi-Fi).

To listen to the SiriusXM Music for Business Internet Service, you will need to subscribe to the service. If you have not yet subscribed, call **1-866-345-SIRIUS** (7474) to subscribe and obtain your SiriusXM Music for Business credentials (username and password).

Note that you cannot use a regular SiriusXM streaming subscription for the SiriusXM Business Radio. The Business Radio requires a Music for Business subscription.

The SiriusXM Business Radio supports a wireless Internet connection through any standard Wi-Fi 802.11 a/b/g/n/ac, 2.4 & 5 GHz wireless Internet access point. This includes wireless networks which are WEP and WPA/WPA2 Personal security protected and require a password, and wireless networks where the network name (SSID) is hidden. Once you have connected to a wireless network, the Business Radio will remember your network settings so you will not have to enter the information again, unless you perform a Reset to Factory Settings of the Business Radio.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 8 of 42

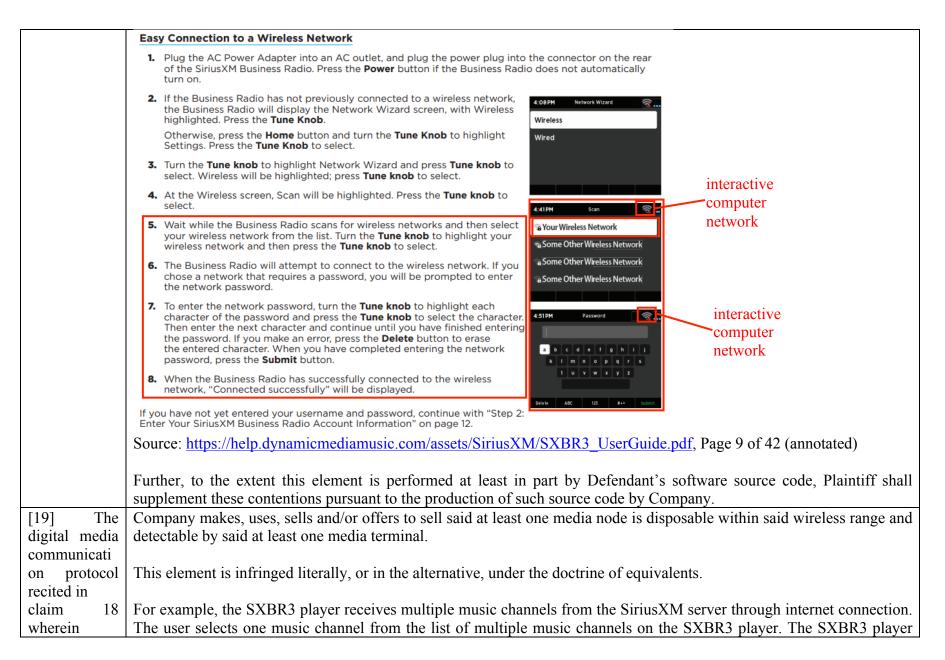
Step 1: Connect to a Wireless Network

The easiest way to connect to a wireless network is to have the Business Radio scan for wireless networks, and then choose your wireless network from the list of wireless networks. The Business Radio will automatically do this the first time you power it on.

However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

Turning the **Tune knob** scrolls through menus and lists to highlight items, and pressing the **Tune knob** selects a highlighted item.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42



said at least one media node is disposable within said wireless range and detectable by said at least one media terminal. transmits a streaming request for the selected music channel to the SiriusXM server. It would be apparent to a person of ordinary skill in the art that at least one media node is disposable within said wireless range and detectable by said at least one media terminal.



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media terminal

The Grace Digital SXBR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

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Source: media node

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3

Easy Connection to a Wireless Network

- 1. Plug the AC Power Adapter into an AC outlet, and plug the power plug into the connector on the rear of the Sirius XM Business Radio. Press the Power button if the Business Radio does not automatically
- 2. If the Business Radio has not previously connected to a wireless network, the Business Radio will display the Network Wizard screen, with Wireless highlighted. Press the Tune Knob.
 - Otherwise, press the **Home** button and turn the **Tune Knob** to highlight Settings. Press the **Tune Knob** to select.
- 3. Turn the **Tune knob** to highlight Network Wizard and press **Tune knob** to select. Wireless will be highlighted; press Tune knob to select.
- 4. At the Wireless screen, Scan will be highlighted. Press the Tune knob to
- 5. Wait while the Business Radio scans for wireless networks and then select your wireless network from the list. Turn the **Tune knob** to highlight your wireless network and then press the **Tune knob** to select.
- 6. The Business Radio will attempt to connect to the wireless network. If you chose a network that requires a password, you will be prompted to enter the network password.
- 7. To enter the network password, turn the **Tune knob** to highlight each character of the password and press the **Tune knob** to select the character. Then enter the next character and continue until you have finished entering the password. If you make an error, press the **Delete** button to erase the entered character. When you have completed entering the network password, press the Submit button.
- 8. When the Business Radio has successfully connected to the wireless network, "Connected successfully" will be displayed.

Enter Your SiriusXM Business Radio Account Information" on page 12.

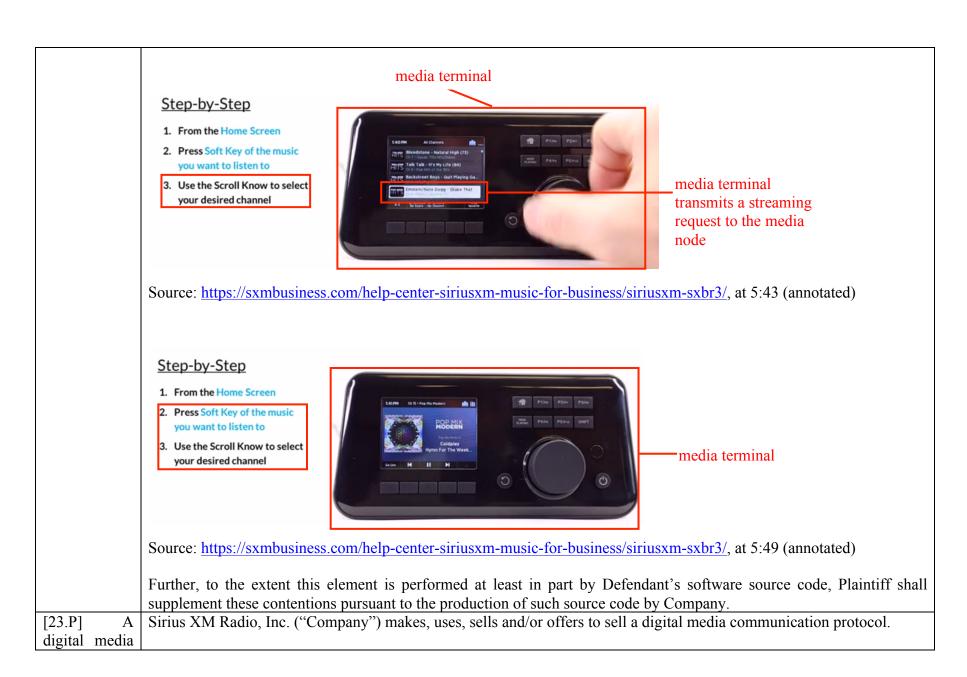
If you have not yet entered your username and password, continue with "Step 2: Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42 (annotated)





-media terminal

73



communicati on protocol, comprising: This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, Company provides SiriusXM for Business which is an internet-based radio service. It includes a SXBR3, streaming player which is designed for streaming music channels. This device receives music channels from a SiriusXM server through a wireless internet connection, facilitating the streaming of music channels. The wireless internet connection is used by the SiriusXM for Business to deliver music ("digital media communication protocol").



powered by Sirv

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scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/

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Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers

Can I install SiriusXM Music for Business equipment myself?

Absolutely. For satellite, you'll need to make sure the SiriusXM antenna supplied with your radio is mounted outside with a

clear view to the sky. To access our streaming service, you have three equipment options: 1) A SiriusXM streaming radio, which requires an internet connection; 2) An internet-connected computer that can access our service via our Web Player (an Ethernet cable is better than WiFi); 3) The SiriusXM app, which

can be downloaded and accessed on both Android and iOS tablets and mobile devices. Once installed, these solutions can be easily connected to your existing business audio system/speakers. If you prefer professional installation, we can refer you to a professional installer in your area. Just let us know when you subscribe.

Source: https://www.siriusxm.com/business

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3

The SiriusXM Business Radio supports a wireless Internet connection through any standard Wi-Fi 802.11 a/b/g/n/ac, 2.4 & 5 GHz wireless Internet access point. This includes wireless networks which are WEP and WPA/WPA2 Personal security protected and require a password, and wireless networks where the network name (SSID) is hidden. Once you have connected to a wireless network, the Business Radio will remember your network settings so you will not have to enter the information again, unless you perform a Reset to Factory Settings of the Business Radio.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 5

Step 1: Connect to a Wireless Network

The easiest way to connect to a wireless network is to have the Business Radio scan for wireless networks, and then choose your wireless network from the list of wireless networks. The Business Radio will automatically do this the first time you power it on.

However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

Turning the **Tune knob** scrolls through menus and lists to highlight items, and pressing the **Tune knob** selects a highlighted item.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42

Easy Connection to a Wireless Network

- Plug the AC Power Adapter into an AC outlet, and plug the power plug into the connector on the rear
 of the SiriusXM Business Radio. Press the **Power** button if the Business Radio does not automatically
 turn on.
- If the Business Radio has not previously connected to a wireless network, the Business Radio will display the Network Wizard screen, with Wireless highlighted. Press the **Tune Knob**.
 - Otherwise, press the **Home** button and turn the **Tune Knob** to highlight Settings. Press the **Tune Knob** to select.
- **3.** Turn the **Tune knob** to highlight Network Wizard and press **Tune knob** to select. Wireless will be highlighted; press **Tune knob** to select.
- At the Wireless screen, Scan will be highlighted. Press the Tune knob to select.
- Wait while the Business Radio scans for wireless networks and then select your wireless network from the list. Turn the **Tune knob** to highlight your wireless network and then press the **Tune knob** to select.
- **6.** The Business Radio will attempt to connect to the wireless network. If you chose a network that requires a password, you will be prompted to enter the network password.
- 7. To enter the network password, turn the **Tune knob** to highlight each character of the password and press the **Tune knob** to select the character. Then enter the next character and continue until you have finished entering the password. If you make an error, press the **Delete** button to erase the entered character. When you have completed entering the network password, press the **Submit** button.
- 8. When the Business Radio has successfully connected to the wireless network, "Connected successfully" will be displayed.

If you have not yet entered your username and password, continue with "Step 2: Enter Your SiriusXM Business Radio Account Information" on page 12.



Some Other Wireless Network

Some Other Wireless Network

a Some Other Wireless Network



Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42

Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant.

[23.1] at least one media terminal disposed in an accessible relation to at least one interactive computer network,

Company makes, uses, sells and/or offers to sell at least one media terminal disposed in an accessible relation to at least one interactive computer network.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player ("media terminal") receives music channels from the SiriusXM server through a wireless internet connection ("interactive computer network") to stream music channels. The SXBR3 player scans multiple wireless network connections, allowing the user to choose one. Once a wireless network is selected, the user enters the password for the chosen connection. After successfully entering the password, the SXBR3 player establishes a connection to the internet, enabling it ("accessible relation") to receive music channels from the SiriusXM server.



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media terminal

The Grace Digital SXBR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source: media terminal

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) <u>connecting your grace</u> digital player to you network, and (2) allowing it to communicate

-media terminal

with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3 (annotated)

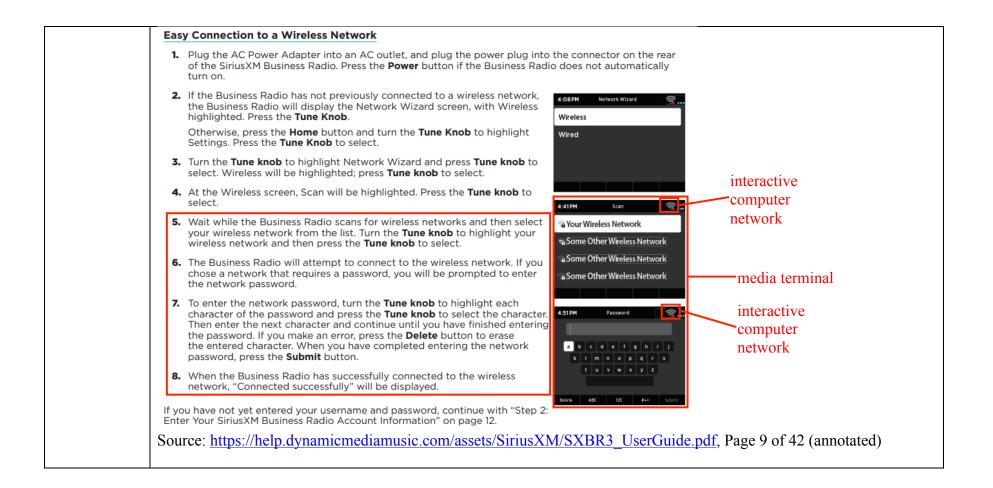
Step 1: Connect to a Wireless Network

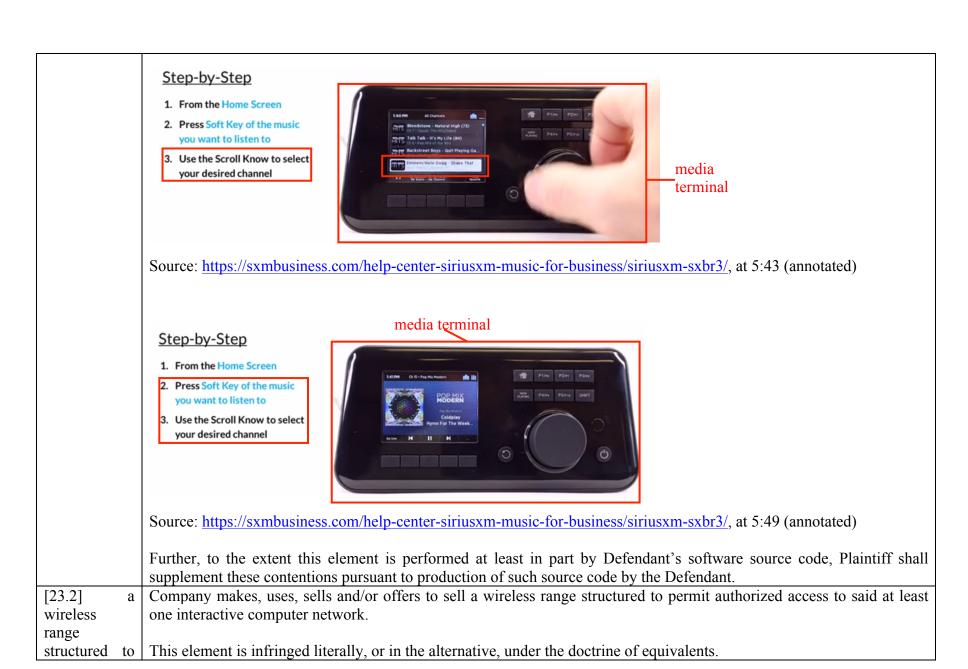
The easiest way to connect to a wireless network is to have the Business Radio scan for wireless networks, and then choose your wireless network from the list of wireless networks. The Business Radio will automatically do this the first time you power it on.

However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

Turning the **Tune knob** scrolls through menus and lists to highlight items, and pressing the **Tune knob** selects a highlighted item.

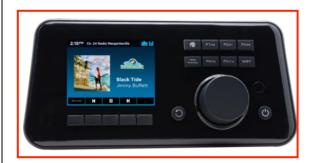
Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42





permit authorized access to said at least one interactive computer network,

For example, The SXBR3 player scans multiple wireless network connections, allowing the user to choose one. Once a wireless network is selected, the user enters the password for the chosen connection. After successfully entering the password ("permit authorized access"), the SXBR3 player establishes a connection to the internet, enabling it to receive music channels from the SiriusXM server. It would be apparent to a person of ordinary skill in the art that wireless range is structured to permit authorized access to at least one interactive computer network.



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and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

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Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3

Installation

SXBR3 Business User Guide

The SiriusXM Business Radio allows you to listen to all of the channels in the SiriusXM Music for Business subscription package using a wired Ethernet connection or a wireless Internet connection (Wi-Fi).

To listen to the SiriusXM Music for Business Internet Service, you will need to subscribe to the service. If you have not yet subscribed, call **1-866-345-SIRIUS** (7474) to subscribe and obtain your SiriusXM Music for Business credentials (username and password).

Note that you cannot use a regular SiriusXM streaming subscription for the SiriusXM Business Radio. The Business Radio requires a Music for Business subscription.

The SiriusXM Business Radio supports a wireless Internet connection through any standard Wi-Fi 802.11 a/b/g/n/ac, 2.4 & 5 GHz wireless Internet access point. This includes wireless networks which are WEP and WPA/WPA2 Personal security protected and require a password, and wireless networks where the network name (SSID) is hidden. Once you have connected to a wireless network, the Business Radio will remember your network settings so you will not have to enter the information again, unless you perform a Reset to Factory Settings of the Business Radio.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 8 of 42

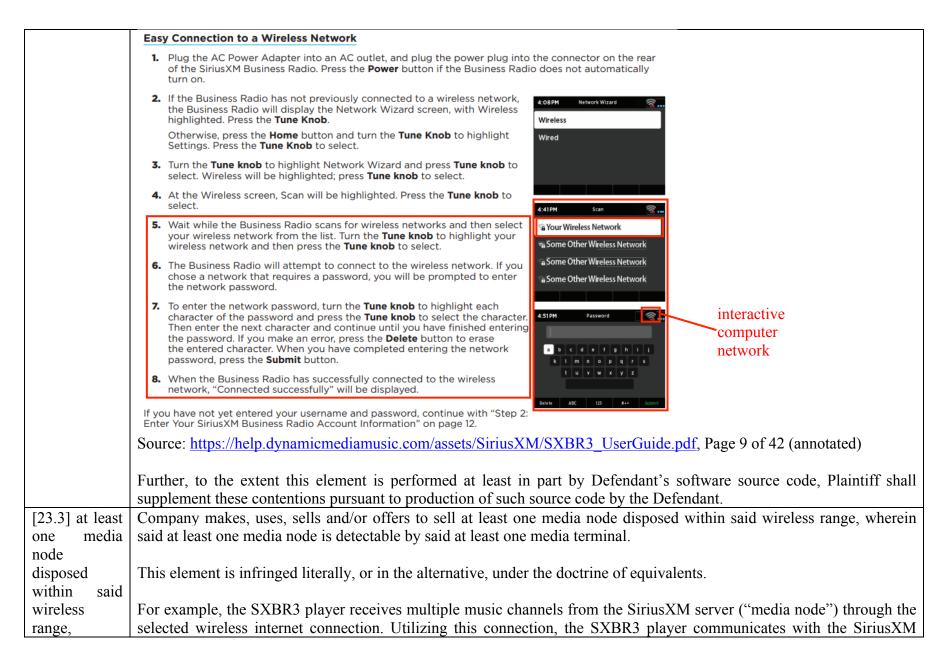
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However, if your wireless network name (SSID) is hidden, or if your network is DHCP disabled, you'll have to manually enter the network settings. Refer to "Manually Connecting to a Wireless Network" on page 10.

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Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR3 UserGuide.pdf, Page 9 of 42



at least one media node is detectable by said at least one media terminal.

wherein said server regarding the available music channels. The user then selects a music channel from the list presented on the SXBR3 player. Following the user's selection, the SXBR3 player sends a streaming request for the chosen music channel to the SiriusXM server, initiating the streaming process. It would be apparent to a person of ordinary skill in the art that at least one media node is disposable within the wireless range, wherein at least one media node is detectable by at least one media terminal

> In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your T department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

media node Source:

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

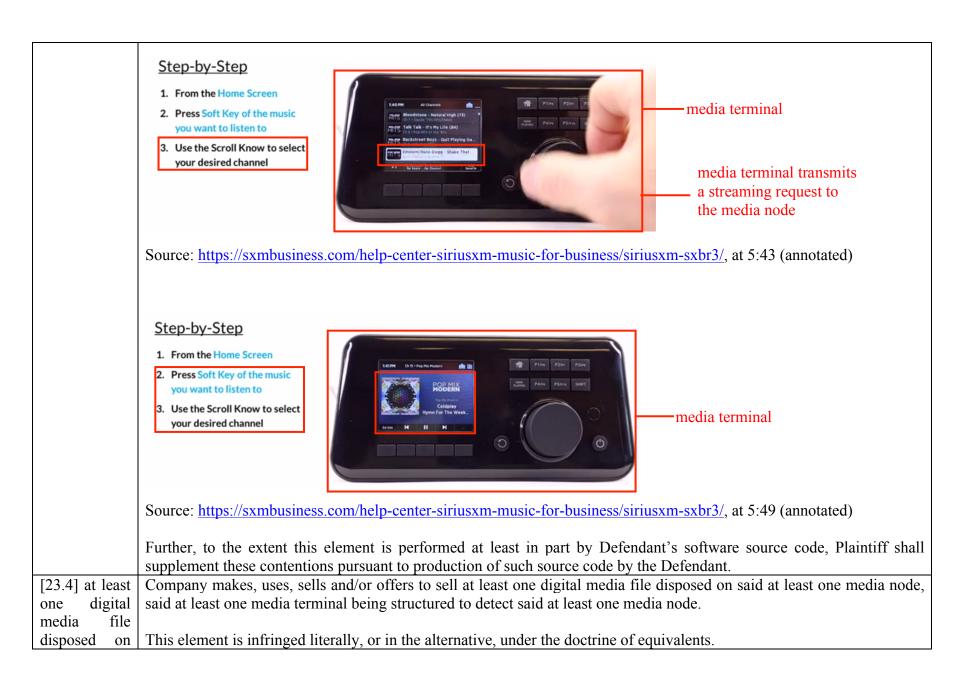
SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

-media node

Source: https://help.dynamicmeuranusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3 (annotated)



said at least one media node, said at least one media terminal being struc tured to detect said at least one media node,

For example, the SXBR3 player receives multiple music channels from the SiriusXM server ("media node") through the selected wireless internet connection. Utilizing this connection, the SXBR3 player communicates with the SiriusXM server regarding the available music channels. The user then selects a music channel ("digital media file") from the list presented on the SXBR3 player. Following the user's selection, the SXBR3 player sends a streaming request for the chosen music channel to the SiriusXM server, initiating the streaming process. It would be apparent for a person having ordinary skills in the art that digital media file is initially disposed on a media node (SiriusXM server) and at least one media terminal (SXBR3 player) is structured to detect at least one media node located within the wireless range.



powered by Sirv

media terminal

The Grace Digital SXB 3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

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media node

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Source:

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Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) connecting your grace digital player to you network, and (2) allowing it to communicate with the SiriusXM servers in order to stream music.

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media terminal

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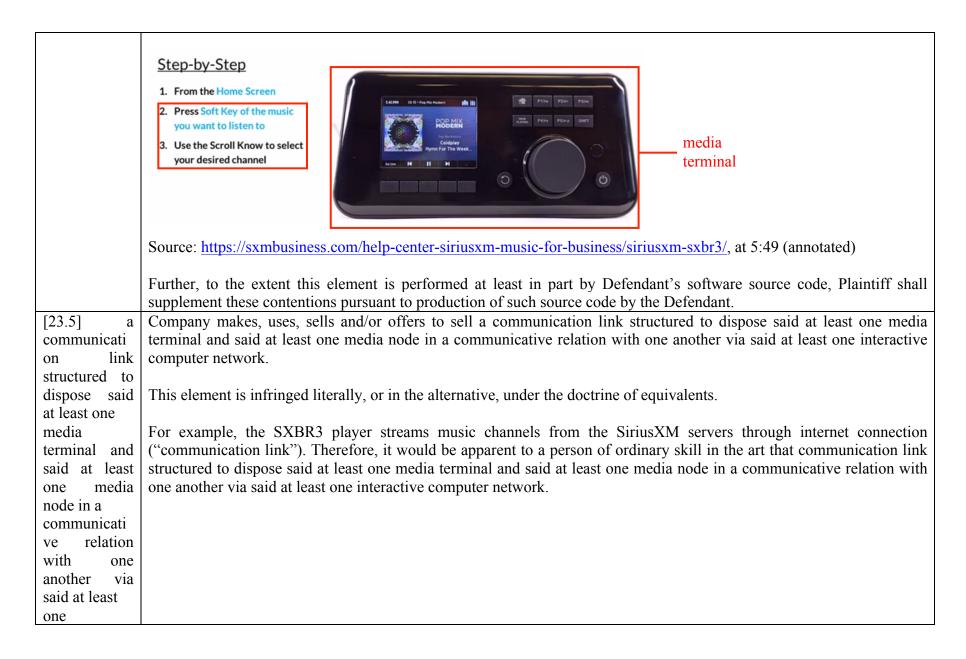
Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



media terminal transmits a streaming request to the media node

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43 (annotated)



interactive computer network,



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media terminal

The Grace Digital SXRR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source: media node

https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

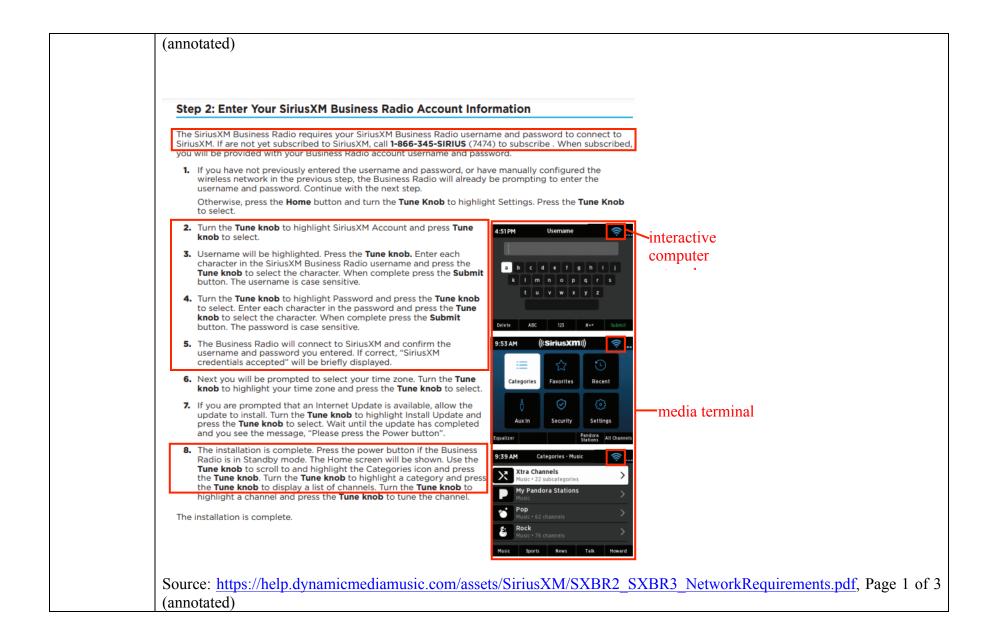
media node

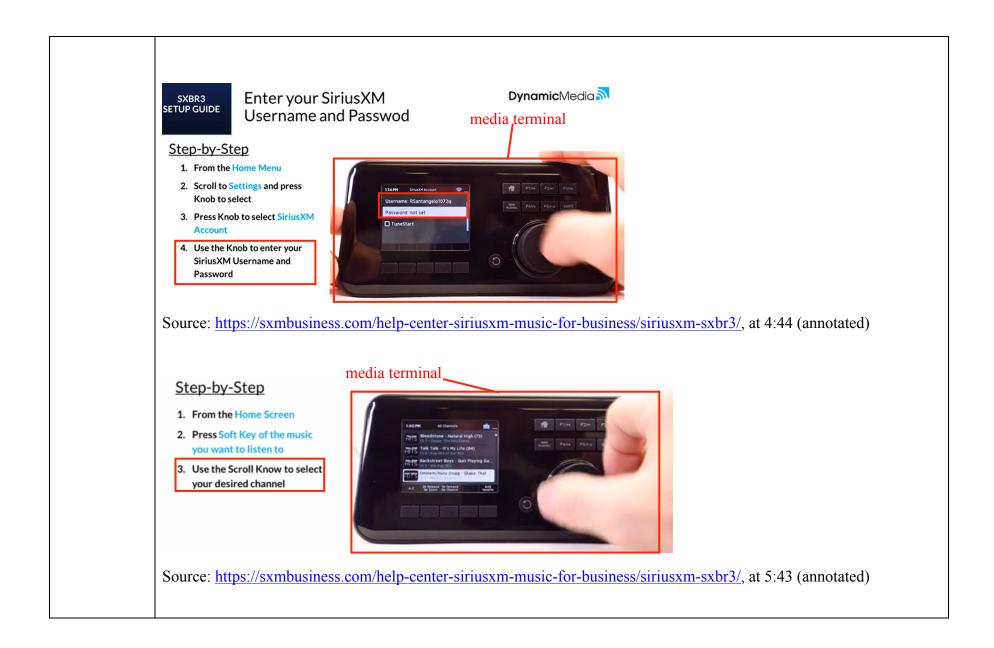
SiriusXM Music for Business

Grace Digital SXB/2 and SXBR3 - Network Set Up Guide

This document outlines steps for (1) <u>connecting your grace</u> <u>digital player to you network, and (2) allowing it to communicate</u> <u>with the SiriusXM servers in order to stream music</u>.

Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, Page 1 of 3





Step-by-Step

1. From the Home Screen

you want to listen to 3. Use the Scroll Know to select your desired channel

Press Soft Key of the music

media terminal



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:49 (annotated)

Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to production of such source code by the Defendant.

[23.6] said communicati on link being initiated said at least one media terminal and structured to bypass least one media terminal security

measure,

Company makes, uses, sells and/or offers to sell said communication link being initiated by said at least one media terminal and structured to bypass at least one media terminal security measure.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SXBR3 player ("media terminal") enables the user to input the username and password associated with their SiriusXM subscription, facilitating music channel streaming from SiriusXM server (media node) via the selected wireless internet connection. Following this, the SXBR3 player grants the user the option to select a music channel from the available list. It would be apparent to a person having ordinary skill in the art that the communication link is initiated by at least one media terminal. Further, the SXBR3 player and the SiriusXM server do not require users to input a username and a password ("security measure") every time they communicate. Instead, the username and password input are necessary during the initial connection process, and thereafter, the devices automatically exchange data without requiring users to re-enter the username and password (bypassing the security measure). Therefore, upon information and belief, the wireless channel created between SXBR3 player and the SiriusXM server bypasses at least one media terminal security measure.

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source: media terminal

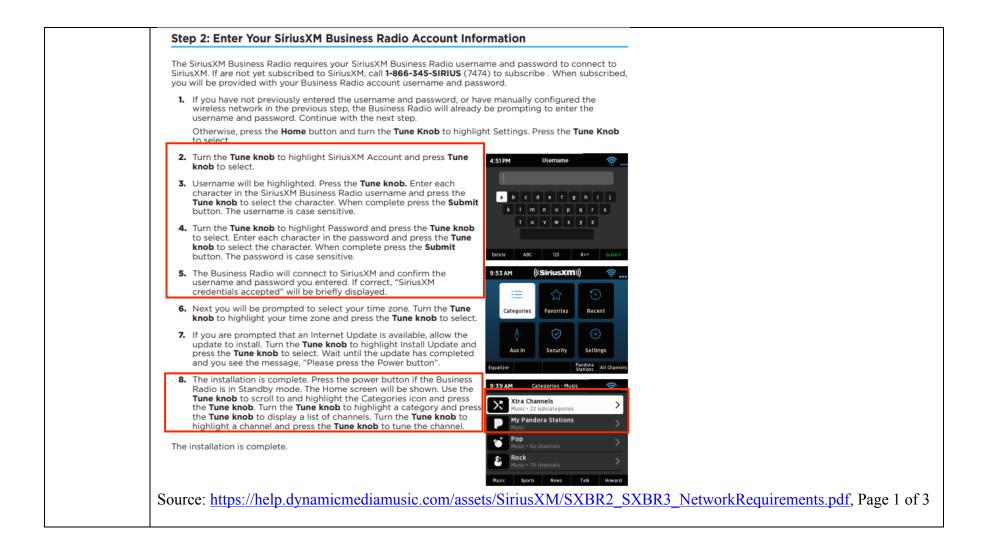
https://sxmbusiness.com/?post_type=faq&df_post_type_search=taq&s=connect+to+the+SiriusXM+streaming+servers (annotated)

SiriusXM Music for Business

Grace Digital SXBR2 and SXBR3 - Network Set Up Guide

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Source: https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2 SXBR3 NetworkRequirements.pdf, Page 1 of 3





Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:49

Further, to the extent this element is performed at least in part by Defendant's software source code, Plaintiff shall supplement these contentions pursuant to the production of such source code by Company.

Company makes, uses, sells and/or offers to sell said media node structured to transmit said at least one digital media file to said media terminal via said communication link.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, the SiriusXM server ("media node") transmits ("structured to transmit") the selected music channel ("digital media file") to SXBR3 player ("media terminal").

media node structured to transmit said at least one digital media file to said media terminal via said communicati on link.

said

[23.7]



powered by Sirv

media terminal

The Grace Digital SXBR3 is the third-generation of SiriusXM's most popular streaming player. This player streams over 200 SiriusXM music channels and now supports Pandora Artist Radio. The player also supports remote scheduling, which means the SXBR3 can be set up to automatically change channels based on time and day settings. The Grace Digital SXBR3 is the most versatile player in the SiriusXM streaming lineup and is a great choice for businesses both large and small.

Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/ (annotated)

In terms of the streaming service, the only players that need to be installed are the dedicated business players. All you need to do is connect power, internet, and plug the player into your audio system. If there is a tricky part to a streaming player installation, it is to make sure your network firewall is set up in a way that allows the player to connect to the SiriusXM streaming servers. All of the network information for each player is front-and-center in our online support center. Click support in the top menu, click on your player, and locate the network setup document. Send the document to your IT department, and they'll have everything they need to open your network to the best business music human beings have ever experienced.

Source: media node

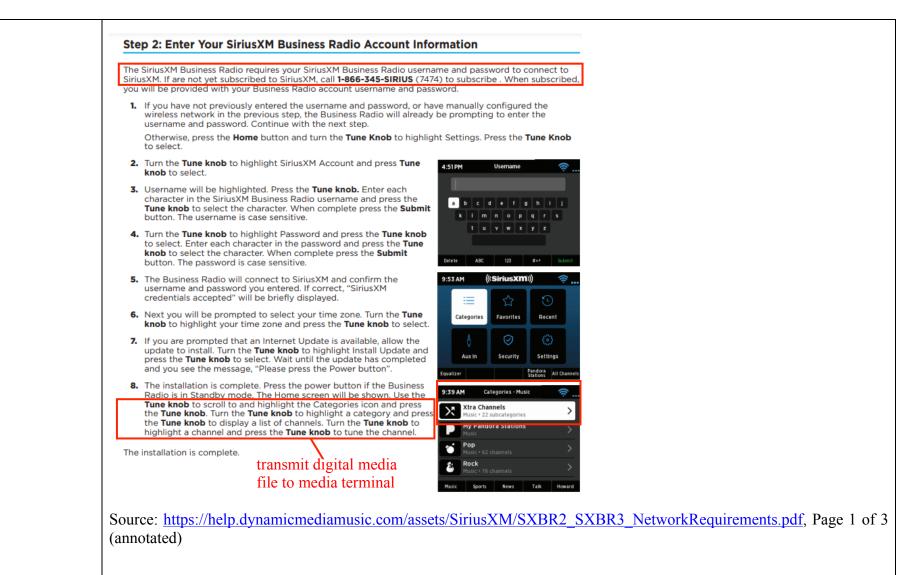
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Enter your SiriusXM Username and Passwod

DynamicMedia

Step-by-Step

- 1. From the Home Menu
- 2. Scroll to Settings and press Knob to select
- Press Knob to select SiriusXM Account
- 4. Use the Knob to enter your SiriusXM Username and Password



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 4:44

Step-by-Step

- 1. From the Home Screen
- 2. Press Soft Key of the music you want to listen to
- Use the Scroll Know to select your desired channel



Source: https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, at 5:43



2. List of References

- 1. https://sxmbusiness.com/help-center-siriusxm-music-for-business/siriusxm-sxbr3/, last accessed on November 17, 2023.
- 2. https://help.dynamicmediamusic.com/assets/SiriusXM/SXBR2_SXBR3_NetworkRequirements.pdf, last accessed on November 17, 2023.
- 3. https://sxmbusiness.com/, last accessed on November 17, 2023.
- 4. https://sxmbusiness.com/?post_type=faq&df_post_type_search=faq&s=connect+to+the+SiriusXM+streaming+servers, last accessed on November 17, 2023.